L Number	Hits	Search Text	DB	Time stamp
_	93	(light-emitting or light adj	USPAT;	2003/04/19
		emitting).ti,ab. and thyristor.ti,ab. and	US-PGPUB;	12:04
		(array or matrix).ti,ab.	EPO; JPO; DERWENT;	
			IBM TDB	
_	5	(light-emitting or light adj	USPAT;	2002/05/02
		emitting).ti,ab. and thyristor.ti,ab. and	US-PGPUB;	17:18
		(array or matrix).ti,ab. and 257/\$6.ccls.	EPO; JPO;	
			DERWENT; IBM TDB	
_	0	("jp-3194978\$-\$.did.").PN.	USPAT;	2002/05/02
			US-PGPUB;	17:18
•	ļ		EPO; JPO;	
			DERWENT;	
_	2	   jp-03194978\$-\$.did.	IBM_TDB USPAT;	2002/05/02
_		]p-031949704-4.did.	US-PGPUB;	17:49
			EPO; JPO;	
			DERWENT;	
		. 001505404 4 1/ 1	IBM_TDB	2002/05/02
-	2	jp-09150543\$-\$.did.	USPAT; US-PGPUB;	2002/05/02 17:24
			EPO; JPO;	17.29
			DERWENT;	
			IBM_TDB	
_	2	jp-09216416\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB; EPO; JPO;	17:26
			DERWENT;	
}			IBM TDB	
-	0	jp-0283792\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB;	17:27
			EPO; JPO; DERWENT;	
			IBM TDB	
-	2	jp-09283792\$-\$.did.	USPAT;	2002/05/02
			US-PGPUB;	17:27
			EPO; JPO;	
			DERWENT; IBM TDB	
_	492	(257/431).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	488	(257/432).CCLS.	USPAT;	2002/05/02
1	200	(257/422) CCTC	US-PGPUB	17:50
_	299	(257/433).CCLS.	USPAT; US-PGPUB	2002/05/02 17:50
-	226	(257/290).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	260	(257/291).CCLS.	USPAT;	2002/05/02
_	278	(257/292).CCLS.	US-PGPUB USPAT;	17:50   2002/05/02
-	2/8	(231/232).0003.	US-PGPUB	17:50
-	53	(257/293).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	497	(257/99).CCLS.	USPAT;	2002/05/02
_	140	(257/100).CCLS.	US-PGPUB USPAT;	17:50 2002/05/02
	]	123.7.1007.0000.	US-PGPUB	17:50
-	180	(257/101).CCLS.	USPAT;	2002/05/02
			US-PGPUB	17:50
-	214	(257/102).CCLS.	USPAT;	2002/05/02
_	701	(257/103).CCLS.	US-PGPUB USPAT;	17:51
_	/01	(237/103).0013.	US-PGPUB	17:51
	L	<u>L </u>	OD FOEOD	L = / • V =

	r		T	0000/65/05
-	2	(((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.)	USPAT; US-PGPUB;	2002/05/02 18:45
1	1	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or ((257/103).CCLS.)) and (((light-emitting		
		or light adj emitting) near12 thyristor)		
		near12 (matrix or matrices or array))		
-	1	((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.)	US-PGPUB; EPO; JPO;	17:55
		or ((257/291).CCLS.) or ((257/292).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
Į į		or ((257/102).CCLS.) or		
		((257/103).CCLS.)) and (((light-emitting or light adj emitting) near12 thyristor)		
		near12 (matrix or matrices or array)))		
į		and (chip or die)		
-	11	(US-4754175-\$ or US-6180960-\$).did. or	USPAT;	2002/05/02
		(JP-03194978-\$ or JP-09150543-\$ or	JPO;	18:11
		JP-09216416-\$ or JP-09283792-\$).did. or (JP-03194978-\$ or JP-09150543-\$ or	DERWENT	
		EP-335553-\$ or US-6180960-\$).did.		
-	0	((US-4754175-\$ or US-6180960-\$).did. or	USPAT;	2002/05/02
		(JP-03194978-\$ or JP-09150543-\$ or   JP-09216416-\$ or JP-09283792-\$).did. or	US-PGPUB; EPO; JPO;	18:12
		(JP-03194978-\$ or JP-09150543-\$ or	DERWENT;	
		EP-335553-\$ or US-6180960-\$).did.) and	IBM_TDB	
		bond\$3 adj pad		0000 (05 (00
-	2	(((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.)	USPAT; US-PGPUB;	2002/05/02 18:51
	,	or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	10.51
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
	·	or ((257/100).CCLS.) or ((257/101).CCLS.)	IBM_TDB	
		or ((257/102).CCLS.) or (((257/103).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 thyristor)		
		and (thyristor near12 (matrix or matrices		
_	5	or array))   ((((257/431).CCLS.) or ((257/432).CCLS.)	USPAT;	2002/05/02
	,	or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	18:57
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
	ĺ	or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
	į	or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	IBM_TDB	
		((257/103).CCLS.)) and ((light-emitting		
	į	or light adj emitting) near12 (array or		
_	0	matrix or matrices))) and thyristor	IICDAT.	2002/05/02
_		(((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.)	USPAT; US-PGPUB;	18:56
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	
		or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.)	IBM_TDB	
		((257/102).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 (array or		
		matrix or matrices))) and thyristor) and		
_	5	bonding adj pad (((((257/432).CCLS.)	USPAT;	2002/05/02
		or ((257/433).CCLS.) or ((257/290).CCLS.)	US-PGPUB;	18:57
		or ((257/291).CCLS.) or ((257/292).CCLS.)	EPO; JPO;	
		or ((257/293).CCLS.) or ((257/99).CCLS.)	DERWENT;	•
		or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	IBM_TDB	
		((257/103).CCLS.)) and ((light-emitting		
		or light adj emitting) near12 (array or		
		matrix or matrices))) and thyristor) and		,
L	l	thyristor	1	L

	5	((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 18:57
-	33	((257/103).CCLS.)) and ((light-emitting or light adj emitting) near12 (array or matrix or matrices))) and thyristor ((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 19:37
_	0	((257/103).CCLS.)) and ((light-emitting or light adj emitting) near12 (array or matrix or matrices))) and bonding adj pad ((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 19:37
_	218	((257/103).CCLS.)) and ((light-emitting or light adj emitting) near12 (array or matrix or matrices))) and bonding adj pad) and thyristor (((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/100).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 19:56
	26	or ((257/102).CCLS.) or ((257/103).CCLS.)) and ((light-emitting or light adj emitting) near12 (array or matrix or matrices)) (((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.) or ((257/103).CCLS.) or ((257/103).CCLS.)) and (gate-selecting or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 20:03
_	4798	gate adj selecting or gate near10 select\$3) adj2 line (gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 20:04
-	0	(gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line and thyristor and bond adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02 20:05
_	0	(gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line and bond adj pad and (light-emitting or light adj emitting)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/02 20:07
-	30	(gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line and thyristor	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/02
-	41	(gate-selecting or gate adj selecting or gate near10 select\$3) adj2 line and bond adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/02 20:20 .

gate near10 select\$3) adj2 line and bond adj pad and 257/\$6.ccls.  0 jp-02807910\$-\$.did.  0 ohno.in. and seiji.in. and thyristor and bond usPAT; us-pgpuB; EPO; JPO; DERWENT; IBM TDB usPAT; us-pgpuB; EPO; JPO; DERWENT; us-pgpuB; EPO; DERWENT; us-pgpuB; EPO; JPO; DERWENT; us-pgpuB; EPO; ePO; ePO; ePO; ePO; ePO; ePO; ePO	02/05/02
adj pad and 257/\$6.ccls.  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; DERWENT; EPO; DERWEN	02/05/02 :56 02/05/02 :57
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB JPO 200	02/05/02 57 02/05/02
- 0 jp-02807910\$-\$.did.    IBM_TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; EPO; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT; USPAT	02/05/02 57 02/05/02
- 0 jp-02807910\$-\$.did.	02/05/02 57 02/05/02
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 200 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 200 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 21: US-PGPUB; 200 US-PGPUB; 20	02/05/02 57 02/05/02
- 0 ohno.in. and seiji.in. and thyristor and USPAT; 200 bond adj pad USPAT; 200 berwent; IBM_TDB USPAT; 200 berwent; 200 berwent; IBM_TDB USPAT; 200 berwent; 20	02/05/02 57 02/05/02
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB IDERWENT; IBM_TDB	02/05/02
ohno.in. and seiji.in. and thyristor and bond adj pad  ohno.in. and seiji.in. and thyristor and bond adj pad  ohno.in. and seiji.in.  ohno.in. and seiji.in.  ohno.in. and seiji.in.  IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB DERWENT; IBM TDB JPO 200	02/05/02
ohno.in. and seiji.in. and thyristor and bond adj pad  ohno.in. and seiji.in. and thyristor and bond adj pad  ohno.in. and seiji.in.	02/05/02
bond adj pad  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB DERWENT; IBM_TDB JPO 200	02/05/02
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB DERWENT; IBM_TDB JPO 200	02/05/02
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB JPO 200	
- 30 ohno.in. and seiji.in.   IBM_TDB   USPAT;   200   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   JPO   200	
- 30 ohno.in. and seiji.in. USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB JPO 200	
US-PGPUB; 21: EPO; JPO; DERWENT; IBM_TDB JPO 200	
EPO; JPO; DERWENT; IBM_TDB JPO 200	01
DERWENT; IBM_TDB JPO 200	
- 0 ohno.in. and seiji.in. IBM_TDB JPO 200	
- 0 ohno.in. and seiji.in. JPO 200	
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21:	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02/05/02
pad and thyristor 21:  by pad and thyristor 21:  continuous pad and thyristor 21:	
	02/05/02
i i i i	
(light-emitting or light adj emitting) 21:	2/05/02
	2/05/02
(light-emitting or light adj emitting) 21:	
and (chip or die)	13
	2/05/02
(light-emitting or light adj emitting) 21:	
and (chip or die) and bonding adj pad	17
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2/05/02
US-PGPUB; 21:	
EPO; JPO;	10
DERWENT;	
IBM TDB	
1	2/05/02
thyristor US-PGPUB; 21:	
EPO; JPO;	
DERWENT;	
IBM TDB	
l l - l	2/05/02
21:	
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21:	
- 1 "4757210".PN. USPAT 200	2/05/02
21:	
- 1 "4757210".PN. USPAT 200	2/05/02
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- 1 "4672219".PN. USPAT 200	2/05/02
21:	
	2/05/02
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- 1 "5753941".PN. USPAT 200	2/05/02
21:	
	2/05/02 -
light adj emitting or thyristor) same US-PGPUB; 22:	18
bond adj pad and 257/\$6.ccls. EPO; JPO;	
DERWENT;	,
IBM_TDB	· 1

			T	T
_	152	1 2	USPAT;	2002/05/02
		thyristor) same (bond or bonding) adj pad and 257/\$6.ccls.	US-PGPUB; EPO; JPO;	22:19
		and 2377 vo. ec. 3.	DERWENT;	
	}		IBM TDB	
_	6	(light-emitting or light adj emitting or	USPAT;	2002/05/02
	į	thyristor) same (plurality near3 (bond or	US-PGPUB;	22:20
	{	bonding) adj pad) and 257/\$6.ccls.	EPO; JPO;	1
			DERWENT;	
1	0	UT 21 U and //3 abs anistain and 3 interest	IBM_TDB	0000 (05 (00
[ -	1	"L21" and ((light-emitting or light adj emitting) near12 thyristor) and	USPAT;	2002/05/03
	!	(thyristor nearl2 (matrix or matrices or	US-PGPUB; EPO; JPO;	10:11
		array))	DERWENT;	1
			IBM TDB	
-	70		USPAT;	2002/05/03
		near12 thyristor) and (thyristor near12	US-PGPUB;	10:23
		(matrix or matrices or array))	EPO; JPO;	
			DERWENT;	l l
			IBM_TDB	2222/25/22
-	6	((light-emitting or light adj emitting) near12 thyristor) and (thyristor near12	USPAT;	2002/05/03
	1	(matrix or matrices or array)) and ((bond	US-PGPUB; EPO; JPO;	11:58
		or bonding) adj pad)	DERWENT;	
			IBM TDB	
-	92	array adj pitch and 257/\$6.ccls.	USPAT;	2002/05/03
			US-PGPUB;	13:30
			EPO; JPO;	}
			DERWENT;	
	17565	257/\$6.ccls. and array pitch same	<pre>IBM_TDB USPAT;</pre>	2002/05/03
	1/303	"micro.m"	US~PGPUB;	13:31
!			EPO; JPO;	13.31
]			DERWENT;	
į			IBM TDB	
-	17565	257/\$6.ccls. and (array pitch same	USPAT;	2002/05/03
}	i i	"micro.m") and array	US-PGPUB;	13:31
			EPO; JPO;	
			DERWENT; IBM TDB	
_	0	257/\$6.ccls. and (array adj pitch same	USPAT;	2002/05/03
		"micro.m") and chip	US-PGPUB;	13:32
1		•	EPO; JPO;	
			DERWENT;	
		057/46	IBM_TDB	
_	0	257/\$6.ccls. and (array adj pitch same	USPAT;	2002/05/03
		"micro.m") and (die or chip)	US-PGPUB;	13:32
			EPO; JPO; DERWENT;	
			IBM TDB	
-	0	257/\$6.ccls. and (array adj pitch same	USPAT;	2002/05/03
		"micro.m")	US-PGPUB;	13:33
			EPO; JPO;	
			DERWENT;	
_	2	257/66 gala and /any	IBM_TDB	2002/05/22
	2	257/\$6.ccls. and (array adj pitch near6 value)	USPAT; US-PGPUB;	2002/05/03
	]	value,	EPO; JPO;	13:35
			DERWENT;	
			IBM TDB	
-	4	257/\$6.ccls. and (array adj pitch near6	USPAT;	2002/05/03
		micron)	US-PGPUB;	13:37
			EPO; JPO;	•
			DERWENT;	
		257/66 gglg and /amain add add at a	IBM_TDB	2002 (05 (22
-	0	257/\$6.ccls. and (array adj pitch near6 tolerance)	USPAT; US-PGPUB;	2002/05/03
		orerance,	EPO; JPO;	13:31
		i	DERWENT;	
	İ		IBM TDB	

	,	<u> </u>		
_	6257	((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/101).CCLS.) or ((257/101).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 15:05
_	4	((257/102).CCLS.) or ((257/103).CCLS.) (((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 14:25
_	7	or ((257/102).CCLS.) or ((257/103).CCLS.)) and (array or matrix) and (light-emitting or light adj emitting) and (anode near2 line) (((257/431).CCLS.)	USPAT;	2002/05/03
		or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	14:27
	_	<pre>((257/103).CCLS.)) and (array or matrix) and (light-emitting or light adj emitting) and ((cathode or anode) near2 line)</pre>		
	5	(((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.) or ((257/103).CCLS.)) and (array or matrix) and (light-emitting or light adj emitting) and ((cathode or anode) near2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03
-	0	select\$3) (((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 14:31
-	6257	((257/103).CCLS.)) and @pd<02012000 (((257/431).CCLS.)) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 14:35
-	2925	((257/103).CCLS.)) and @pd>02012000 ((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)	USPAT	2002/05/03 17:15
-	1156	((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:23
-	3	array ("5451977").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 16:34

_	0	("three near6 thyristor near6 array").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 16:34
	13	three near6 thyristor near6 array	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/03 16:36
-	6	three-terminal near6 thyristor near6 array	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 16:36
-	86	(345/44).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 17:24
-	100	(345/45).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/05/03 17:25
-	120	(((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and array) and shift adj register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:27
~	26	((((((257/431).CCLS.) or ((257/433).CCLS.) or ((257/432).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/292).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and array) and shift adj register) and serial and parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:25
-	14	((((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and array) and shift adj register) and serial same parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:25
-	14	(((((257/431).CCLS.)) or ((257/432).CCLS.)) or ((257/433).CCLS.)) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/293).CCLS.) or ((257/293).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) or ((257/103).CCLS.)) and @pd>02012000) and array) and (shift adj register same	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:28
-	7	serial same parallel) (((((257/431).CCLS.) or ((257/432).CCLS.) or ((257/433).CCLS.) or ((257/290).CCLS.) or ((257/291).CCLS.) or ((257/292).CCLS.) or ((257/293).CCLS.) or ((257/99).CCLS.) or ((257/100).CCLS.) or ((257/101).CCLS.) or ((257/102).CCLS.) or ((257/103).CCLS.)) and @pd>02012000) and array) and (shift adj register same serial same parallel same array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/03 20:28

O jp-03519117280\$-\$.did.  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; EPO; EPO; JPO; EPO; EPO; EPO; JPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO; E	
EPO; JPO; DERWENT; IBM_TDB USPAT; 2002/05/03 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2002/05/03 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2002/05/03 emitting.ti.  - 3 ("4394653").PN. USPAT; 2002/05/03 USPAT; USPAT	
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB; USPAT; US-PGPUB;	
TDB	
- 31 kamei.in. and yojiro.in.    USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; 21:37	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 21:37	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 21:37	
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 2002/05/03 USPAT; US-PGPUB; 21:26	
A kamei.in. and yojiro.in. and light adj   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   US-PGPUB;   21:37	
- 4 kamei.in. and yojiro.in. and light adj USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; US-PGPUB; 2002/05/03	
emitting.ti.    US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2002/05/03 US-PGPUB; 21:37	
EPO; JPO; DERWENT; IBM_TDB USPAT; 2002/05/03 US-PGPUB; 21:37	
DERWENT; IBM_TDB USPAT; US-PGPUB; 2002/05/03 US-PGPUB; 21:37	
IBM_TDB   USPAT;   2002/05/03   US-PGPUB;   21:37	
- 3 ("4394653").PN. USPĀT; 2002/05/03 US-PGPUB; 21:37	
US-PGPUB; 21:37	
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DERWENT;	,
IBM_TDB	
- 3 ("5763909").PN. USPĀT; 2002/05/03	\
US-PGPUB; 21:37	ſ
EPO; JPO;	1
DERWENT;	
IBM TDB	1
- 326 (345/46).CCLS. USPAT; 2002/05/04	
US-PGPUB; 10:53	
EPO; JPO;	
DERWENT;	
IBM TDB	
- 23 (US-6069644-\$ or US-5719591-\$ or USPAT; 2002/05/05	
US-6180960-\$ or US-6160354-\$ or US-PGPUB; 20:28	-
US-5990802-\$ or US-5763909-\$ or JPO;	
US-5844265-\$ or US-4754175-\$ or DERWENT	
US-4394653-\$ or US-5483085-\$ or	
US-5451977-\$).did. or	
(US-20010010510-\$).did. or (JP-59117280-\$	
or JP-09283792-\$ or JP-09150543-\$ or	
JP-03194978-\$ or JP-09216416-\$ or	
JP-01268074-\$).did. or (US-6180960-\$ or	
JP-03194978-\$ or EP-335553-\$ or	
JP-03194978-\$ OF EP-335553-\$ OF JP-09150543-\$).did.	
- 23 (US-6069644-\$ or US-5719591-\$ or USPAT; 2002/05/05	
US-6180960-\$ or US-6160354-\$ or US-PGPUB; 20229	
US-5990802-\$ or US-5763909-\$ or US-PGP0B; 20:29	1
US-5844265-\$ or US-4754175-\$ or DERWENT	
US-3844265-\$ OF US-4/54175-\$ OF DERWENT US-4394653-\$ OF US-5483085-\$ OF	İ
	i
US-5451977-\$).did. or	
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US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$) or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did. - 23 (US-6069644-\$ or US-5719591-\$ or USPAT; 2002/05/05	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$) or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did. - 23 (US-6069644-\$ or US-5719591-\$ or USPAT; 2002/05/05 US-6180960-\$ or US-6160354-\$ or US-PGPUB; 20:29	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$) or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did. (US-6069644-\$ or US-5719591-\$ or USPAT; US-6180960-\$ or US-6160354-\$ or US-PGPUB; US-5990802-\$ or US-5763909-\$ or JPO;	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  - 23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-6160354-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or UE-EWENT	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  - 23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-6160354-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or US-4394653-\$ or US-5483085-\$ or	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  - 23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-5763909-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-03194978-\$ or EP-335553-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-5763909-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-03194978-\$ or EP-335553-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-5763909-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or US-5844265-\$ or US-4754175-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-6160354-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$) or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-5763909-\$ or US-5844265-\$ or US-5763908-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or	
US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$) or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or JP-09150543-\$).did.  23 (US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or US-6180960-\$ or US-6160354-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-5763909-\$ or US-5844265-\$ or US-57483085-\$ or US-4394653-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or	

-	23	(US-6069644-\$ or US-5719591-\$ or US-6180960-\$ or US-6160354-\$ or	USPAT; US-PGPUB;	2002/05/05 20:29
		US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-4754175-\$ or	JPO; DERWENT	
		US-4394653-\$ or US-5483085-\$ or	DBKWBIVI	
1		US-5451977-\$).did. or	1	
		(US-20010010510-\$).did. or (JP-59117280-\$ or JP-09283792-\$ or JP-09150543-\$ or		
		JP-03194978-\$ or JP-09216416-\$ or		
}		JP-01268074-\$).did. or (US-6180960-\$ or JP-03194978-\$ or EP-335553-\$ or		
[		JP-09150543-\$).did.		
-	0		USPAT;	2002/05/05
		register same parallel same series").PN.	US-PGPUB; EPO; JPO;	20:30
[			DERWENT;	
	115	input adj register same output adj	IBM_TDB USPAT;	2002/05/05
	113	register same parallel same series	US-PGPUB;	20:31
ļ			EPO; JPO;	
			DERWENT; IBM TDB	
-	0	(	USPAT;	2002/05/05
		register same parallel same series) and (light-emitting or light adj emitting)	US-PGPUB; EPO; JPO;	20:32
		same thyristor	DERWENT;	
_	3	   (input adj register same output adj	IBM_TDB USPAT;	2002/05/05
	J	register same parallel same series) and	US-PGPUB;	20:34
		(light-emitting or light adj emitting)	EPO; JPO; DERWENT;	
			IBM_TDB	
-	5	(input adj register same output adj register same parallel same series) and	USPAT;	2002/05/05
		array same (diode or photodiode)	US-PGPUB; EPO; JPO;	20:34
			DERWENT;	
-	4	937194.ap.	IBM_TDB USPAT;	2002/11/11
			US-PGPUB;	13:46
	i		EPO; JPO; DERWENT;	
	0	020070100 6 444	IBM_TDB	2002/11/11
_	0	jp-02807910\$~\$.did.	USPAT; US-PGPUB;	2002/11/11
			EPO; JPO;	
			DERWENT; IBM TDB	
-	12	ohno.in. and seiji.in. and thyristor.ab.	USPAT;	2002/11/11
			US-PGPUB; EPO; JPO;	13:49
			DERWENT;	
_	15	ohno.in. and seiji.in. and thyristor	IBM_TDB USPAT;	2002/11/11
	10	,	US-PGPUB;	13:49
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	0	ohno.in. and seiji.in.	JPO_	2002/11/11 13:50
-	2	ohno.in.	JPO	2002/11/11
_	52179	ono.in.	JPO	13:55 2002/11/11
	321/9		O P O	13:55
-	658	ono.in. and seiji.in.	JPO	2002/11/11
-	19	ono.in. and seiji.in. and decrease\$1	JPO	13:55   2002/11/11
	1	-	TDO	13:56
_	1	ono.in. and seiji.in. and decrease\$1 and matrix	JPO	2002/11/11 .
	0	ono.in. and seiji.in. and decrease\$1 and	JPO	2002/11/11
L		thyristor		13:56

-	0	(ono.in. and seiji.in. and decrease\$1) and (ono.in. and seiji.in. and thyristor)	JPO	2002/11/11 13:56
-	24	ono.in. and seiji.in. and thyristor	JPO	2002/11/11 17:05
-	3	bonding adj pad near12 (anode or cathode) near12 thyristor	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 17:07
-	2	bonding adj pad near15 (anode or cathode) near15 (gate near3 line)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 17:12
-	7224	((257/431) or (257/432) or (257/433) or (257/290) or (257/291) or (257/292) or (257/293) or (257/99) or (257/100) or (257/101) or (257/102) or (257/103) or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 17:13
	25	(345/44) or (345/45) or (345/46)).CCLS. (((257/431) or (257/432) or (257/433) or (257/290) or (257/291) or (257/292) or (257/293) or (257/99) or (257/100) or (257/101) or (257/102) or (257/103) or (345/44) or (345/45) or (345/46)).CCLS.) and array and (bond or bonding) adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11 17:23
_	0	and gate (((257/431) or (257/432) or (257/433) or (257/290) or (257/291) or (257/292) or (257/293) or (257/99) or (257/100) or (257/101) or (257/102) or (257/103) or (345/44) or (345/45) or (345/46)).CCLS.) and gate adj2 line near15 (anode or cathode) near15 bonding adj pad near15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11 17:25
_	0	(row or column or array) gate adj2 line near15 (anode or cathode) near15 bonding adj pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:26
_	0	(gate or bit or word) adj2 line near15 (anode or cathode) near15 bonding adj pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 17:27
_	21	(gate or bit or word) near15 (anode or cathode) near15 pad near15 (row or column or array)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/11 19:08
_	0	jp-092807910\$-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 19:13
	0	"092807910"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 19:13
-	18	"2807910"	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/11 19:14
-	10	control adj terminal near12 bonding adj pad	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/11/11

- 0 ("jp-59117280\$-\$.did.").PN. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-FGPUB  US-FGPUB; US-FGPUB	04/19 04/19 04/19 04/19
EPO; JPO; DERWENT; IBM TDB USPAT; 2003/0 US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; 12:08 EPO; JPO; DERWENT; IBM TDB US-PGPUB 12:08 EPO; JPO; DERWENT; IBM TDB US-PGPUB 2003/0 12:09 US-PGPUB 2003/0 12:09 2003/0 12:09 2003/0 12:11 2:09 2003/0 12:09 2003/0 12:11 2:09 2003/0 12:09 2003/0 12:11 2:09 2003/0 12:09 2003/0 12:11 2:09 2003/0 12:00	04/19 04/19 04/19 04/19
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB 2003/0 12:08	04/19 04/19 04/19 04/19
TBM_TDB	04/19 04/19 04/19 04/19
- 2 jp-59117280\$-\$.did.	04/19 04/19 04/19 04/19
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-PGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB US-FGPUB; US-FGPUB US-FGPUB; U	04/19 04/19 04/19 04/19
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EPO; JPO; DERWENT; IBM TDB US-PGPUB 2003/0 12:08  - 0 2002-0153532\$-\$.did. US-PGPUB 2003/0 12:09  - 34 sonobe.in. US-PGPUB 2003/0 12:11  - 3 sonobe.in. and (light-emitting or light adj emitting) US-PGPUB 2003/0 12:11  - 23 (US-4754175-\$ or US-6180960-\$ or US-PGPUB 2003/0 12:11  - 23 (US-4754175-\$ or US-6180960-\$ or US-PGPUB; US-5719591-\$ or US-5763909-\$ or US-FGPUB; US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-6160354-\$ or US-6069644-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-09283792-\$ or JP-01268074-\$ or JP-059117280-\$).did. or (JP-03194978-\$ or	04/19 04/19 04/19
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- 0 "us2002/0153532"	04/19 04/19 04/19
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- 0 2002-0153532\$-\$.did. US-PGPUB 2003/0 12:09 - 34 sonobe.in. US-PGPUB 2003/0 12:11 - 3 sonobe.in. and (light-emitting or light adj emitting) (US-4754175-\$ or US-6180960-\$ or US-5719591-\$ or US-4394653-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-6160354-\$ or US-6069644-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-09283792-\$ or JP-01268074-\$ or JP-59117280-\$).did. or (JP-03194978-\$ or JP-59117280-\$).did.	04/19 04/19 04/19
- 0 2002-0153532\$-\$.did. US-PGPUB 2003/0 12:09 - 34 sonobe.in. US-PGPUB 2003/0 12:11 - 3 sonobe.in. and (light-emitting or light adj emitting) - 23 (US-4754175-\$ or US-6180960-\$ or US-5719591-\$ or US-4394653-\$ or US-5990802-\$ or US-5763909-\$ or US-5844265-\$ or US-6160354-\$ or US-6069644-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-09283792-\$ or JP-01268074-\$ or JP-59117280-\$).did. or (JP-03194978-\$ or	)4/19 )4/19
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- 34 sonobe.in.  3 sonobe.in. and (light-emitting or light adj emitting)  - 23 (US-4754175-\$ or US-6180960-\$ or US-5719591-\$ or US-5763909-\$ or US-5990802-\$ or US-56160354-\$ or US-5844265-\$ or US-6160354-\$ or US-6069644-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-09150543-\$ or JP-03194978-\$ or JP-09283792-\$ or JP-01268074-\$ or JP-59117280-\$).did. or (JP-03194978-\$ or	04/19
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- 23 (US-4754175-\$ or US-6180960-\$ or US-5719591-\$ or US-4394653-\$ or US-57990802-\$ or US-5763909-\$ or US-5844265-\$ or US-6160354-\$ or US-6069644-\$ or US-5483085-\$ or US-5451977-\$).did. or (US-20010010510-\$).did. or (JP-09150543-\$ or JP-03194978-\$ or JP-09216416-\$ or JP-09283792-\$ or JP-01268074-\$ or JP-59117280-\$).did. or (JP-03194978-\$ or	14/19
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- 3028 sonobe.in. USPAT; 2003/0	4/19
US-PGPUB;   12:18	I
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- 2 sonobe.in. and array US-PGPUB 2003/0	4/19
12:18	
- 34 sonobe.in. US-PGPUB 2003/0	14/19
12:18	1/10
- 24 (US-6180960-\$ or US-5719591-\$ or USPAT; 2003/0	14/10
US-4754175-\$ or US-5990802-\$ or US-PGPUB; 16:15	14/15
	ŧ
US-5763909-\$ or US-5451977-\$ or JPO;	
US-5844265-\$ or US-5483085-\$ or DERWENT	;
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or US-20010010510-\$).did. or	,
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JP-01268074-\$ or JP-59117280-\$).did. or	i
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JP-09150543-\$ or EP-335553-\$).did.	
- 99 (345/44).CCLS. USPAT; 2003/0	14/19
US-PGPUB; 16:30	
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- 114 (345/45).CCLS.   USPAT;   2003/0	14/19
	, <b>1</b> , 1 , 2
EPO; JPO;	
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IBM_TDB	
- 0 ((345/45).CCLS.) and pad and thyristor USPAT; 2003/0	14/19
and (surface or area) US-PGPUB; 16:31	
EPO; JPO;	-
DERWENT;	
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- 1 ((345/44).CCLS.) and pad and thyristor USPAT; 2003/C	04/19
and (surface or area) US-PGPUB; 16:32	
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		L (245 (46) - GGT G	TIGDAM.	12002/04/10
_	343	(345/46).CCLS.	USPAT; US-PGPUB;	2003/04/19 16:32
			EPO; JPO;	10.52
			DERWENT;	
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_	0	((345/46).CCLS.) and pad and thyristor	USPAT;	2003/04/19
		and (surface or area)	US-PGPUB;	16:32
			EPO; JPO;	
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	104	and and thereigher timb alm and fourtage	IBM_TDB USPAT;	2003/04/19
-	194	pad and thyristor.ti,ab,clm. and (surface or area)	US-PGPUB;	16:32
		or area,	EPO; JPO;	10.52
			DERWENT;	
			IBM_TDB	
-	100	pad and thyristor.ti,ab,clm. and (surface	USPAT;	2003/04/19
		or area) and (chip or die)	US-PGPUB;	16:33
			EPO; JPO;	
İ			DERWENT; IBM TDB	
	45	(bond or bonding ) near2 pad and	USPAT;	2003/04/19
	1	thyristor.ti,ab,clm. and (surface or	US-PGPUB;	16:33
		area) and (chip or die)	EPO; JPO;	
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	]		IBM_TDB	
-	45	(bond or bonding) near2 pad and	USPAT;	2003/04/19
		thyristor.ti,ab,clm. and (surface or area) and (chip or die)	US-PGPUB; EPO; JPO;	17:30
		area, and (chip or die)	DERWENT;	
			IBM TDB	
-	1615	(bond or bonding) near2 pad and (decrease	USPAT;	2003/04/19
		or decreasing or reduce or reduction)	US-PGPUB;	17:38
		near4 (surface or area) and (chip or die)	EPO; JPO;	
		and semiconductor.ti,ab,clm.	DERWENT; IBM TDB	
_	773	(bond or bonding) adj pad and (decrease	USPAT;	2003/04/19
		or decreasing or reduce or reduction)	US-PGPUB;	17:39
		near3 (surface or area) and (chip or	EPO; JPO;	
		die).ti,ab,clm. and	DERWENT;	
_	69	semiconductor.ti,ab,clm.   (bond or bonding) adj pad and (decrease	IBM_TDB USPAT;	2003/04/19
		or decreasing or reduce or reduction)	US-PGPUB;	19:04
l	ļ	near3 (surface or area) and (chip or	EPO; JPO;	
		die).ti,ab,clm. and	DERWENT;	
		semiconductor.ti,ab,clm. and (gate or	IBM_TDB	
		get-selecting) near4 (line or lines)	HCDAm.	2003/04/19
_	2	("4394653").PN.	USPAT; US-PGPUB;	19:19
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
] -	626	semiconductor.ti,ab,clm. and matrix adj	USPAT;	2003/04/19
1		array.ti,ab,clm.	US-PGPUB; EPO; JPO;	19:50
			DERWENT;	
			IBM TDB	
-	110	multiplexed adj display.ti,ab,clm.	USPAT;	2003/04/19
			US-PGPUB;	19:51
			EPO; JPO;	
			DERWENT;	
_	1	multiplexed adj display.ti,ab,clm. and	IBM_TDB USPAT;	2003/04/19
		(reduce or reduced or decrease or	US-PGPUB;	19:53
		decreased) near3 (area or surface)	EPO; JPO;	
			DERWENT;	
1	_	10/ 10 3 44 3/ 1 4/ 2 2	IBM_TDB	2002/04/10
~	2		USPAT;	2003/04/19
		(reduce or reduced or decrease or decreased) near6 (area or surface)	US-PGPUB; EPO; JPO;	13.37
	1	acceptance, monto (area or surrace)	DERWENT;	
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_	0	multiplexed adj display.ti,ab,clm. and (bond or bonding) adj pad	USPAT; US-PGPUB; EPO; JPO;	2003/04/19 19:55	
			DERWENT; IBM TDB		
_	0	multiplexed adj display and (bond or	USPAT;	2003/04/19	
		bonding) adj pad and gate near4 ((select	US-PGPUB;	19:56	
		or selecting) or gate-selecting)	EPO; JPO; DERWENT;		1
			IBM_TDB		
-	0	multiplexed adj display and (bond or bonding) adj pad and gate	USPAT; US-PGPUB;	2003/04/19	
			EPO; JPO;		
			DERWENT; IBM TDB		
_	23	multiplexed adj display and pad and gate	USPAT;	2003/04/19	
			US-PGPUB; EPO; JPO;	21:25	
			DERWENT;		
			IBM_TDB	0000/04/10	-
	0	jp-03-194978\$-\$.did.	USPAT; US-PGPUB;	2003/04/19 21:26	
			EPO; JPO;		
			DERWENT; IBM TDB		
-	2	jp-03194978\$-\$.did.	USPAT;	2003/04/19	
			US-PGPUB; EPO; JPO;	21:26	
			DERWENT;		
_	40	(US-5990802-\$ or US-4394653-\$ or	IBM_TDB USPAT;	2003/04/19	
		US-5763909-\$ or US-6160354-\$ or	US-PGPUB;	21:36	
		US-5844265-\$ or US-6069644-\$ or US-5451977-\$ or US-5719591-\$ or	EPO; JPO; DERWENT		
		US-5483085-\$ or US-6180960-\$ or			
		US-3833833-\$ or US-4011557-\$ or US-4839634-\$ or US-5194852-\$ or			
		US-6452342-\$ or US-4754175-\$ or			
		US-4297692-\$ or US-4307392-\$ or US-5317307-\$).did. or (US-20010010510-\$			
		or US-20030071274-\$ or US-20020180370-\$	}		
		or US-20030071267-\$ or US-20020153532-\$).did. or (GB-2144254~\$			
		or EP-1168462-\$ or GB-2143984-\$).did. or			
		(JP-09216416-\$ or JP-09283792-\$ or JP-03194978-\$ or JP-09150543-\$ or			
		JP-59117280-\$ or JP-01268074-\$ or			
		JP-2001217460-\$).did. or (JP-09150543-\$ or EP-335553-\$ or US-6180960-\$ or			
		WO-200157935-\$ or JP-03194978-\$).did.			
_	2	jp-09150543\$-\$.did.	USPAT; US-PGPUB;	2003/04/19	
			EPO; JPO;		
_	20	   jp-0216416\$-\$.did.	DERWENT USPAT;	2003/04/19	
	20	JP 02104104 4.010.	US-PGPUB;	21:43	
			EPO; JPO; DERWENT		
_	2	jp-09216416\$-\$.did.	USPAT;	2003/04/19	
			US-PGPUB; EPO; JPO;	21:44	
			DERWENT		
-	2	jp-09283792\$-\$.did.	USPAT;	2003/04/19	.
			US-PGPUB; EPO; JPO;	21:44	
			DERWENT		